	Application No.	Applicant(s)
Notice of Allowability	09/758,798	FRISCH ET AL.
	Examiner	**Art Unit**	
	Brian D. Nguyen	2661	

*-- The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *10/26/05*.

2. ☒ The allowed claim(s) is/are *1, 6, and 14-17(renumbered 1-6, respectively)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some*   c)☐ None   of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a)☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1)☐ hereto or 2)☐ to Paper No./Mail Date _____.

    (b)☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *12132005* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

BRIAN NGUYEN
PRIMARY EXAMINER

12/13/05

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview with

David Powsner on 12/13/05.

3.   The application has been amended as follows:

Claim 14. A digital data system comprising:

first and second nodes connected by a first link,

the first node sending a plurality of message packets to the second node over the first

link, each message packet including a header portion and a further portion, the header portion

including an error code,

the second node checking the error code and sending a valid message packet to a further

node over a further link,

at least a part of the header portion being a changeable part that may change as the

message packet passes from the first link to the further link, and at least a part of the message

packet being an invariant part that does not change,

whereby the error code need not to be recalculated when the message packet passes to the

further link,

whereby corruption of the header portion of the packet is detected before the second node

has received the entire packet, and without reference to the further portion of the packet,

and wherein the second node returning a control symbol to the first node before the entire message packet has arrived at the second node.

Claim 16. A digital system comprising:

first and second nodes connected by a first link,

the first node sending a data from a buffer as a transmission sequence of one or more ~~messages~~ message packets to the second node over the first link, each message packet including a sequence identifier in an initial portion of the message packet,

the second node checking the initial portion to identify a faulty message reception,

and communicating said sequence identifier to the first node with a control symbol indicating whether reception was proper such that the first node may respond to the control symbol by clearing the buffer or retransmitting at least a portion of the transmission sequence,

whereby corruption of the initial portion is detected without reference to a subsequent portion of the packet,

and wherein the second node returning the control symbol to the first node before the entire message packet has arrived at the second node.

Claim 17. A digital data system comprising:

first and second nodes connected by a first link,

the first node sending a plurality of message packets to the second node over the first link with each message packet being sent from the first node with a sequence identifier, and each message packet comprising an initial portion comprising an error code,

the second node sending the message packets to a further node over a further link,

the second node (i) inspecting the error code for each message packet received on the link

to detect and error condition, and (ii) returning a control symbol to the first node for each packet

received therefrom the first link along with the sequence identifier of the received message

packet based on the result of that inspection,

the second node returning the control symbol to the first node before the entire message

packet has arrived at the second node,

the first node responding to the control symbol to control the further transmission of the

message packets to the second node over the first link,

such that transmission of data packets from the first node to the further node proceeds
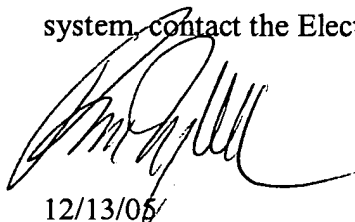
efficiently.

Conclusion

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Brian D. Nguyen whose telephone number is (571) 272-3084.

The examiner can normally be reached on 7:30-6:00 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Chau Nguyen can be reached on (571) 272-3126. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

12/13/05

**BRIAN NGUYEN
PRIMARY EXAMINER**